

What is claimed is:

1. A paste comprising 50-95 % by weight of glass powder or glass-ceramic mixed powder, 0.1-15 % by weight of a resin, and 3-60 % by weight of a plurality of kinds of solvents, wherein

each boiling point of the plurality of kinds of solvents differs by 30°C or more; and,

the plurality of kinds of solvents contain one or more low boiling point solvents which are low boiling point solvents having a boiling point from 100°C to 180°C, and one or more high boiling point solvents which are high boiling point solvents having a boiling point from 190°C to 450°C.

2. A paste according to claim 1, wherein it additionally contains at least one of a plasticizer and a dispersant.

3. A paste according to claim 1, wherein said one or more low boiling point solvents are selected from the group consisting of ether solvent, ester solvent, and hydrocarbon solvents; and said one or more high boiling point solvents are ether solvents.

4. A paste according to claim 2, wherein said one or more low boiling point solvents are selected from the group consisting of ether solvent, ester solvent, and hydrocarbon solvents; and said one or more high boiling point solvents are ether solvents.

5. A paste according to claim 3, wherein the weight ratio of said one or more high boiling point solvents to said one or more low boiling point solvents in the form of low boiling point solvent: high boiling point solvent is 50-5:50-95.

6. A paste according to claim 4, wherein the weight ratio of said one or more high boiling point solvents to said one or more low boiling point solvents in the form of low boiling point solvent: high boiling point solvent is 50-5:50-95.

7. A production method of a paste comprising:

    a step in which a kneaded mixture is obtained by kneading glass powder or glass-ceramic mixed powder, a resin, and one or more high boiling point solvents having a boiling point from 190°C to 450°C, and

    a step in which one or more low boiling point solvents having a boiling point from 100°C to 180°C are added to said kneaded mixture and again kneaded.

8. A production method of a paste according to claim 7, wherein said kneaded mixture prior to addition of said low boiling point solvent additionally contains at least one of a plasticizer and a dispersant.

9. A forming method of ribs comprising:

    a step in which a paste film is formed by coating said paste according to claim 1 onto a surface of a substrate;

    a step in which said one or more low boiling point solvents are vaporized from said paste film formed on said surface of said substrate; and

    a step in which a blade having prescribed comb teeth is penetrated into said paste film from which said one or more low boiling point solvents have been vaporized, and said blade is moved in a fixed direction relative to said paste film to plasticly deform said paste film and form ribs in said surface of said substrate.

10. A forming method of ribs comprising:

    a step in which a paste film is formed by coating said paste obtained by said production method according to claim 5 onto a surface of a substrate;

    a step in which said one or more low boiling point solvents are vaporized from said paste film formed on said surface of said substrate; and

    a step in which a blade having prescribed comb teeth is penetrated into said paste film from which said one or more low boiling point solvents have been vaporized, and said blade is moved in a fixed direction relative to said paste film to plasticly deform said paste film and form ribs in said surface of said substrate.

11. A ceramic rib obtainable by drying and baking said ribs formed with said forming method according to claim 9.
12. A ceramic rib obtainable by drying and baking said ribs formed with said forming method according to claim 10.
13. An FPD comprising said ceramic ribs according to claim 11.
14. An FPD comprising said ceramic ribs according to claim 12.

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